

REMARKS

I. In the Claims

Claims 11-45 are pending. Claims 1-10 have been canceled without prejudice or disclaimer. Claims 11-45 have been added and are directed to antibodies that bind specifically to a human RPTP, a human RPTP α , or to a human RPTP α that comprises the amino acid sequence depicted in SEQ ID NO. 1. These claims also are directed to a method for detecting the presence of human RPTP α in a biological sample, and a method for a method for determining an individual's susceptibility to insulin-dependent cellular activity. All of these claims are fully supported by the specification. See, for instance page 14, line 37 to p. 15, line 5; page 17, lines 15- 28; page 27, line 21, to page 37, line 18, and page 66, lines 29-36 for illustrative support of the presently claimed embodiments that Applicants' regard as their invention.

II. In the Specification

Applicants have amended the specification at page 1, line 8, to cross-reference the present application to prior applications to which it claims priority.

III. Sequence Listing

Applicants submit a paper copy of the Sequence Listing that includes no new material that goes beyond the application as originally filed. That is, the paper copy of the Sequence Listing filed herewith is identical to the computer readable copy of the Sequence Listing filed in application 09/280,597, filed March 29, 1999. In accordance with 37 CFR 1.821(e), please use the computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the present application. Applicant respectfully submits that the above-identified

application is now in conformance with 37 C.F.R. §§ 1.821-1.825 and WIPO Standard 25.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date

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